

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Gt(ROSA)26Sor^{tm1.1(CAG-EGFP)Fsh}/Mmjax*

RRID:MMRRC_032037-JAX

Type: Organism

Proper Citation

RRID:MMRRC_032037-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32037

Proper Citation: RRID:MMRRC_032037-JAX

Description: Mus musculus with name STOCK *Gt(ROSA)26Sor^{tm1.1(CAG-EGFP)Fsh}/Mmjax* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Affected Gene: *Gt(ROSA)26Sor*

Catalog Number: 032037-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:19363146](#)

Alternate IDs: MMRRC_32037-JAX, MMRRC_032037, MMRRC_3237

Organism Name: STOCK *Gt(ROSA)26Sor^{tm1.1(CAG-EGFP)Fsh}/Mmjax*

Record Creation Time: 20230308T055126+0000

Record Last Update: 20260801T124238+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Gt(ROSA)26Sor^{tm1.1(CAG-EGFP)}Fsh/Mmjax*.

No alerts have been found for STOCK *Gt(ROSA)26Sor^{tm1.1(CAG-EGFP)}Fsh/Mmjax*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#).

Thulin A, et al. (2025) Differentiated Presynaptic Input to OLM??2 Cells Along the Hippocampal Dorsoventral Axis: Implications for Hippocampal Microcircuit Function. *Hippocampus*, 35(5), e70026.

Zhang H, et al. (2025) Widespread innervation of motoneurons by spinal V3 neurons globally amplifies locomotor output in mice. *Cell reports*, 44(1), 115212.

Micoli E, et al. (2025) A single-cell transcriptomic atlas of developing inhibitory neurons reveals expanding and contracting modes of diversification. *bioRxiv : the preprint server for biology*.

Chattopadhyaya B, et al. (2025) p75NTR modulation prevents cellular, cortical activity and cognitive dysfunctions caused by perinatal hypoxia. *Brain : a journal of neurology*, 148(8), 2965.

Francavilla R, et al. (2025) Syngap1 regulates the synaptic drive and membrane excitability of Parvalbumin-positive interneurons in mouse auditory cortex. *eLife*, 13.

Jeong HK, et al. (2025) Micro-scale control of oligodendrocyte morphology and myelination by the intellectual disability-linked protein acyltransferase ZDHHC9. *eLife*, 13.

Moissidis M, et al. (2025) A postnatal molecular switch drives activity-dependent maturation of parvalbumin interneurons. *Cell*.

Velica A, et al. (2025) Layer-Specific Connectivity and Functional Interference of Chrna2+ Layer 5 Martinotti Cells in the Primary Motor Cortex. *The European journal of neuroscience*, 61(7), e70086.

Fresenko EE, et al. (2025) Oligodendrocyte progenitor cell responses to inflammatory demyelination with aging. *Research square*.

Kukanja P, et al. (2024) Cellular architecture of evolving neuroinflammatory lesions and multiple sclerosis pathology. *Cell*.

Fisher J, et al. (2024) Cortical somatostatin long-range projection neurons and interneurons exhibit divergent developmental trajectories. *Neuron*, 112(4), 558.

Iannone AF, et al. (2024) The chemokine Cxcl14 regulates interneuron differentiation in layer I of the somatosensory cortex. *Cell reports*, 43(8), 114531.

Zhang H, et al. (2024) Widespread innervation of motoneurons by spinal V3 neurons globally amplifies locomotor output in mice. *bioRxiv : the preprint server for biology*.

Kersbergen CJ, et al. (2023) Preservation of developmental spontaneous activity enables early auditory system maturation in deaf mice. *PLoS biology*, 21(6), e3002160.

Wu SJ, et al. (2023) Cortical somatostatin interneuron subtypes form cell-type-specific circuits. *Neuron*, 111(17), 2675.

Kersbergen CJ, et al. (2022) Developmental spontaneous activity promotes formation of sensory domains, frequency tuning and proper gain in central auditory circuits. *Cell reports*, 41(7), 111649.

DeFlitch L, et al. (2022) Age and Alzheimer's Disease-Related Oligodendrocyte Changes in Hippocampal Subregions. *Frontiers in cellular neuroscience*, 16, 847097.

Meijer M, et al. (2022) Epigenomic priming of immune genes implicates oligodendroglia in multiple sclerosis susceptibility. *Neuron*, 110(7), 1193.

Falgairolle M, et al. (2021) Optogenetic Activation of V1 Interneurons Reveals the Multimodality of Spinal Locomotor Networks in the Neonatal Mouse. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(41), 8545.

Favuzzi E, et al. (2021) GABA-receptive microglia selectively sculpt developing inhibitory circuits. *Cell*, 184(15), 4048.